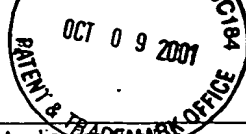


**FEE TRANSMITTAL
for FY 2001***Patent fees are subject to annual revision.*

Complete if Known



#9 | **ATTACH**

Application Number		09/525,041	
Filing Date		March 14, 2000	
First Named Inventor		Soppet, et al.	
Examiner Name		Monshipouri, M.	
Group Art Unit		1652	
Total amount of payment	(\$2,280.00)	Attorney Docket Number	PF178D2

METHOD OF PAYMENT (CHECK ONE)		FEE CALCULATION (CONTINUED)																																																																																																																																																																															
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number 08-3425 Deposit Account Name Human Genome Sciences, Inc. <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late non-provisional filing fee or cover sheet</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> examination</td><td></td></tr> <tr><td>112</td><td>920</td><td>112</td><td>920</td><td>Requesting publication of SI before Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840</td><td>113</td><td>1,840</td><td>Requesting publication of SI after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20331. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20331.

#8/108
10/13/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Soppet, *et al.*

Serial No.: 09/525,041

Filed: March 14, 2000

Title: Colon Specific Gene and Protein

Group Art Unit: 1652

Examiner: Monshipouri, M.

Attorney Docket No.: PF178D2

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.56

Commissioner for Patents
Washington, D.C. 20231

S I R:

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OCT 11 2001
TECH CENTER 1600/2900

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of a claim of the subject application, Attorneys for Applicants hereby direct the Examiner's attention to references AA-AP listed on the two attached Forms PTO/SB/08. Copies of references AD, AE, AF, AO, and AP are enclosed. References AD and AF were cited to Applicants in a Supplemental European Search Report (reference AO) in connection with a corresponding foreign application. Reference AE is a published PCT Application corresponding to the present application.

Copies of references AB, AC, AG, AH, AI, AJ, and AK, and AN were submitted by Applicants or cited by the Examiner in connection with U.S. Patent Application Serial No. 08/468,413 filed June 6, 1995, now issued as U.S. Patent Number 5,861,494, to which the instant application claims priority under 35 U.S.C. § 120. Additionally, copies of references AA, AL and AM were submitted by Applicants or cited by the Examiner in connection with related U.S. Patent Application Serial No. 09/162,508 filed September 29, 1998, now issued as U.S. Patent Number 6,080,722, to which the instant application claims priority under

35 U.S.C. § 120. Pursuant to 37 C.F.R. § 1.98(d), the Examiner is respectfully directed to the files of U.S. Patent Application Serial Nos. 08/468,413 and 09/162,508 for copies of the above-listed references. Applicants will supply copies on request.

Pursuant to 37 C.F.R. § 1.98(a)(3), Applicants herein note that reference AF (publication DE 4321944 A1) is a foreign language publication which was cited to the Applicants in a Supplemental European Search Report (reference AO). Applicants also note that reference AF (publication DE 4321944 A1) was cited as a priority document in reference AP (PCT publication WO 95/00851). Applicants herein respectfully refer the Examiner to the English language abstract in reference AP for a concise explanation of reference AF.

Identification of the listed references is not to be construed an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

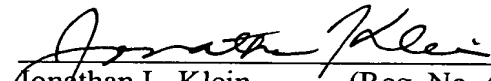
The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be considered during the prosecution of this application.

Applicants respectfully request that the Examiner review the listed references and that the references be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(b)(3), since this information disclosure statement is being filed before the mailing date of a first Office Action on the merits, no fee is due in connection herewith. However, should the Patent Office determine otherwise, please charge the required fee to Human Genome Sciences, Inc., deposit account no. 08-3425. A copy of this sheet is enclosed.

Respectfully submitted,

Date: October 9, 2001


Jonathan L. Klein (Reg. No. 41,119)
Attorney for Applicants

Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, MD 20850
Phone: 301-251-6015

JKE/DAS/lc/kp